

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 101581,431
Source: TEUSP
Date Processed by STIC: 7/17/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

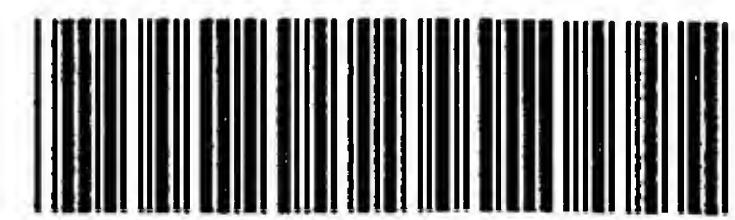
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/10/06



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/581,431

DATE: 07/17/2006
TIME: 11:00:20

Input Set : N:\RJAVED\10581431.txt
Output Set: N:\CRF4\07172006\J581431.raw

3 <110> APPLICANT: The Scripps Research Institute
5 <120> TITLE OF INVENTION: INTEGRIN ALPHA.IIB.BETA.3 SPECIFIC ANTIBODIES AND PEPTIDES
7 <130> FILE REFERENCE: TSRI1019.1PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/581,431
C--> 9 <141> CURRENT FILING DATE: 2006-06-02
9 <150> PRIOR APPLICATION NUMBER: US 60/526,859
10 <151> PRIOR FILING DATE: 2003-12-03
E--> 12 <160> NUMBER OF SEQ ID NOS: 24

ERRORED SEQUENCES

84 <210> SEQ ID NO: 9
85 <211> LENGTH: 72
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
W--> 88 <220> FEATURE: n
W--> 89 <221> NAME/KEY: a or g or c or t
90 <222> LOCATION: 25,26,28,29,31,32,43,44,46,47,49,50
91 <223> OTHER INFORMATION: encoded by randomized DNA sequence
W--> 92 <400> SEQUENCE: 9
W--> 93 gtgttattact gtgcgagagt ggggnknnk nnkcggtccg acnnknnknn ktacgctatg 60
E--> 95 gacgtctggg gc
97 <210> SEQ ID NO: 10 → 72
98 <211> LENGTH: 21
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
W--> 101 <220> FEATURE: → P1S insert
W--> 101 <223> OTHER INFORMATION: → 21
W--> 101 <400> SEQUENCE: 10
E--> 102 agaagcgttag tccggaacgt c
104 <210> SEQ ID NO: 11
105 <211> LENGTH: 57
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
W--> 108 <220> FEATURE: → P1S insert
W--> 108 <223> OTHER INFORMATION: → 57
W--> 108 <400> SEQUENCE: 11
E--> 109 gctgcccaac cagccatggc cgaggtgcag ctgttggagt ctggggagg cttggta → 57
111 <210> SEQ ID NO: 12
112 <211> LENGTH: 39
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence

Does Not Comply
Corrected Diskette Needed
(Pg. 1-3) 2

pls explain source see error
of genetic materials explanation on Pg 4

INVALID
response

72

21

57

See error
explanation on page 4

RAW SEQUENCE LISTING
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Input Set : N:\RJAVED\10581431.txt
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W--> 115 <220> FEATURE: *pls insert*

W--> 115 <223> OTHER INFORMATION:

W--> 115 <400> SEQUENCE: 12

E--> 116 cactctcgca cagtaataca cggccgtgtc ctcggctct

118 <210> SEQ ID NO: 13

119 <211> LENGTH: 21

120 <212> TYPE: DNA

121 <213> ORGANISM: Artificial Sequence

W--> 122 <220> FEATURE: *pls insert*

W--> 122 <223> OTHER INFORMATION:

W--> 122 <400> SEQUENCE: 13

E--> 123 ggccatggct ggttgggcag c

125 <210> SEQ ID NO: 14

126 <211> LENGTH: 40

127 <212> TYPE: DNA

128 <213> ORGANISM: Artificial Sequence

W--> 129 <220> FEATURE: *pls insert*

W--> 129 <223> OTHER INFORMATION:

W--> 129 <400> SEQUENCE: 14

E--> 130 gagggaggag gagggaggaga gaagcgtagt ccggAACgtc

132 <210> SEQ ID NO: 15

133 <211> LENGTH: 24

134 <212> TYPE: DNA

135 <213> ORGANISM: Artificial Sequence

W--> 136 <220> FEATURE: *pls insert*

W--> 136 <223> OTHER INFORMATION:

W--> 136 <400> SEQUENCE: 15

E--> 137 aagacagcta tcgcgattgc agtg

139 <210> SEQ ID NO: 16

140 <211> LENGTH: 21

141 <212> TYPE: DNA

142 <213> ORGANISM: Artificial Sequence

W--> 143 <220> FEATURE: *pls insert*

W--> 143 <223> OTHER INFORMATION:

W--> 143 <400> SEQUENCE: 16

E--> 144 ggccatggct ggttgggcag c

146 <210> SEQ ID NO: 17

147 <211> LENGTH: 41

148 <212> TYPE: DNA

149 <213> ORGANISM: Artificial Sequence

W--> 150 <220> FEATURE: *pls insert*

W--> 150 <223> OTHER INFORMATION:

W--> 150 <400> SEQUENCE: 17

E--> 151 gagggaggaggaggaggccagg cggccgagct c

153 <210> SEQ ID NO: 18

154 <211> LENGTH: 21

155 <212> TYPE: DNA

156 <213> ORGANISM: Artificial Sequence

W--> 157 <220> FEATURE: *pls insert*

See
error

39 expl/Another
on
Pg. 4.
21

Found 39

39

24

21

41

pls insert

pls insert

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/581,431

DATE: 07/17/2006
TIME: 11:00:20

Input Set : N:\RJAVED\10581431.txt
Output Set: N:\CRF4\07172006\J581431.raw

W--> 157 <223> OTHER INFORMATION
W--> 157 <400> SEQUENCE: 18
E--> 158 ggccatgggt ggtggggcag c
266 <210> SEQ ID NO: 31
267 <211> LENGTH: 16
268 <212> TYPE: PRT
269 <213> ORGANISM: Artificial Sequence
W--> 270 <220> FEATURE:
W--> 270 <223> OTHER INFORMATION
W--> 270 <400> SEQUENCE: 31
271 Val Gly Val Trp Cys Arg Ala Asp Lys Arg Cys Tyr Ala Met Asp
272 1 5 10 15
273 Val
E--> 278 41

21

pls
delete

see error explanation on page 4.

see error explanation on pg. 4.

see error explanation
on page 1.

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/581,431

DATE: 07/17/2006
TIME: 11:00:21

Input Set : N:\RJAVED\10581431.txt
Output Set: N:\CRF4\07172006\J581431.raw

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or "Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:1,2,4,5,6,7,8,10,11,12,13,14,15,16,17,18,20,21,23,24,25,26,27,28,29,30,31

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/581,431

DATE: 07/17/2006

TIME: 11:00:21

Input Set : N:\RJAVED\10581431.txt
Output Set: N:\CRF4\07172006\J581431.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:18 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:1, <213>
ORGANISM:Artificial Sequence
L:18 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213>
ORGANISM:Artificial Sequence
L:18 M:283 W: Missing Blank Line separator, <400> field identifier
L:18 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:18
L:26 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>
ORGANISM:Artificial Sequence
L:26 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>
ORGANISM:Artificial Sequence
L:26 M:283 W: Missing Blank Line separator, <400> field identifier
L:26 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:26
L:34 M:283 W: Missing Blank Line separator, <220> field identifier
L:34 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:38 M:283 W: Missing Blank Line separator, <400> field identifier
L:39 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:47 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>
ORGANISM:Artificial Sequence
L:47 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>
ORGANISM:Artificial Sequence
L:47 M:283 W: Missing Blank Line separator, <400> field identifier
L:47 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:47
L:55 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213>
ORGANISM:Artificial Sequence
L:55 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213>
ORGANISM:Artificial Sequence
L:55 M:283 W: Missing Blank Line separator, <400> field identifier
L:55 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:55
L:63 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>
ORGANISM:Artificial Sequence
L:63 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>
ORGANISM:Artificial Sequence
L:63 M:283 W: Missing Blank Line separator, <400> field identifier
L:63 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:63
L:71 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
ORGANISM:Artificial Sequence
L:71 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>
ORGANISM:Artificial Sequence
L:71 M:283 W: Missing Blank Line separator, <400> field identifier
L:71 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:71
L:79 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>
ORGANISM:Artificial Sequence
L:79 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>
ORGANISM:Artificial Sequence
L:79 M:283 W: Missing Blank Line separator, <400> field identifier
L:79 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:79
L:88 M:283 W: Missing Blank Line separator, <220> field identifier
L:88 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:89 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
L:92 M:283 W: Missing Blank Line separator, <400> field identifier
L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0

L:95 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:72 SEQ:9
L:101 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:10, <213>
ORGANISM:Artificial Sequence
L:101 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:10, <213>
ORGANISM:Artificial Sequence
L:101 M:283 W: Missing Blank Line separator, <400> field identifier
L:101 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10, Line#,101
L:102 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:10
L:108 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:11, <213>
ORGANISM:Artificial Sequence
L:108 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:11, <213>
ORGANISM:Artificial Sequence
L:108 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/581,431

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Input Set : N:\RJAVED\10581431.txt
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L:108 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11, Line#:108
 L:109 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:57 SEQ:11
 L:115 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:12, <213>
 ORGANISM:Artificial Sequence
 L:115 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:12, <213>
 ORGANISM:Artificial Sequence
 L:115 M:283 W: Missing Blank Line separator, <400> field identifier
 L:115 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12, Line#:115
 L:116 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:39 SEQ:12
 L:122 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:13, <213>
 ORGANISM:Artificial Sequence
 L:122 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:13, <213>
 ORGANISM:Artificial Sequence
 L:122 M:283 W: Missing Blank Line separator, <400> field identifier
 L:122 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:13, Line#:122
 L:123 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:13
 L:129 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:14, <213>
 ORGANISM:Artificial Sequence
 L:129 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:14, <213>
 ORGANISM:Artificial Sequence
 L:129 M:283 W: Missing Blank Line separator, <400> field identifier
 L:129 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:14, Line#:129
 L:130 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:39 SEQ:14
 L:130 M:252 E: No. of Seq. differs, <211> LENGTH:Input:40 Found:39 SEQ:14
 L:136 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:15, <213>
 ORGANISM:Artificial Sequence
 L:136 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:15, <213>
 ORGANISM:Artificial Sequence
 L:136 M:283 W: Missing Blank Line separator, <400> field identifier
 L:136 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:15, Line#:136
 L:137 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:24 SEQ:15
 L:143 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:16, <213>
 ORGANISM:Artificial Sequence
 L:143 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:16, <213>
 ORGANISM:Artificial Sequence
 L:143 M:283 W: Missing Blank Line separator, <400> field identifier
 L:143 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:16, Line#:143
 L:144 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:16
 L:150 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:17, <213>
 ORGANISM:Artificial Sequence
 L:150 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:17, <213>
 ORGANISM:Artificial Sequence
 L:150 M:283 W: Missing Blank Line separator, <400> field identifier
 L:150 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:17, Line#:150
 L:151 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:17
 L:157 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:18, <213>
 ORGANISM:Artificial Sequence
 L:157 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:18, <213>
 ORGANISM:Artificial Sequence
 L:157 M:283 W: Missing Blank Line separator, <400> field identifier
 L:157 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:18, Line#:157
 L:158 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:18
 L:164 M:283 W: Missing Blank Line separator, <400> field identifier

L:172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:20, <213>
ORGANISM:Artificial Sequence
L:172 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:20, <213>
ORGANISM:Artificial Sequence
L:172 M:283 W: Missing Blank Line separator, <400> field identifier
L:180 M:283 W: Missing Blank Line separator, <400> field identifier
L:188 M:283 W: Missing Blank Line separator, <220> field identifier
L:188 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:192 M:283 W: Missing Blank Line separator, <400> field identifier
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:200 M:283 W: Missing Blank Line separator, <400> field identifier
L:208 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY
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Input Set : N:\RJAVED\10581431.txt
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L:216 M:283 W: Missing Blank Line separator, <400> field identifier
L:225 M:283 W: Missing Blank Line separator, <400> field identifier
L:234 M:283 W: Missing Blank Line separator, <400> field identifier
L:243 M:283 W: Missing Blank Line separator, <400> field identifier
L:252 M:283 W: Missing Blank Line separator, <400> field identifier
L:261 M:283 W: Missing Blank Line separator, <400> field identifier
L:270 M:283 W: Missing Blank Line separator, <400> field identifier
L:278 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:31
L:12 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (24) Counted (31)